

1. Evaluate the following.

a. $-18 \div 3 \times (-4)$

b. $\frac{5}{6} \times \frac{9}{10}$

c. $\frac{7}{8} - \frac{1}{4} + \frac{3}{16}$

2. Simplify each ratio.

a. $18 : 42$

b. $35 : 20$

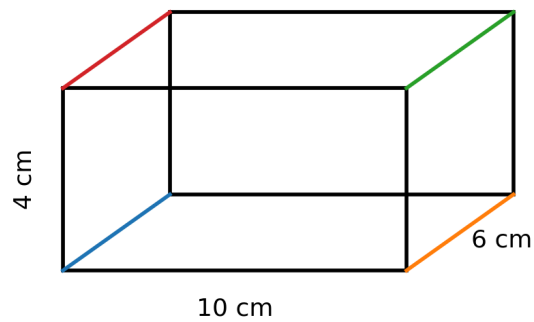
c. Find the value of x .

$$5 : 8 = x : 40$$

3. Solve the equation.

$$4n + 7 = 31$$

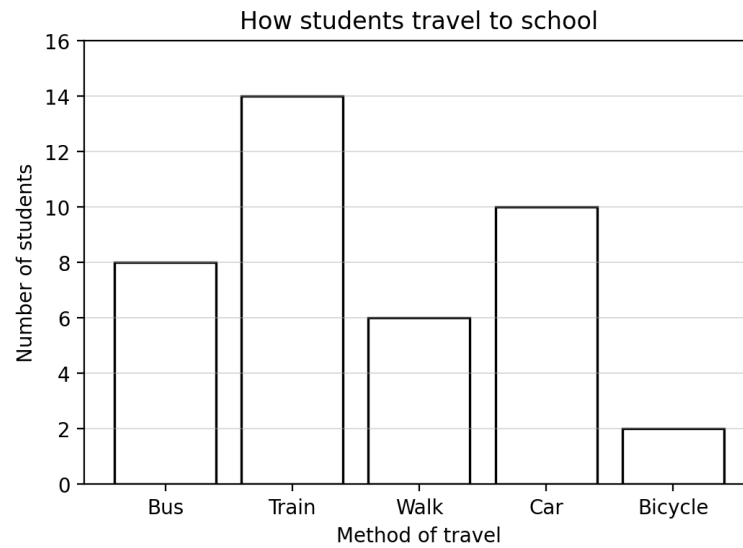
4. The diagram shows a rectangular prism.



a. Find the volume of the rectangular prism.

b. Find the surface area of the rectangular prism.

5. The column graph shows how students travel to school.



a. What fraction of the students travel by train?

b. What percentage of the students walk to school? Round your answer to the nearest whole number.